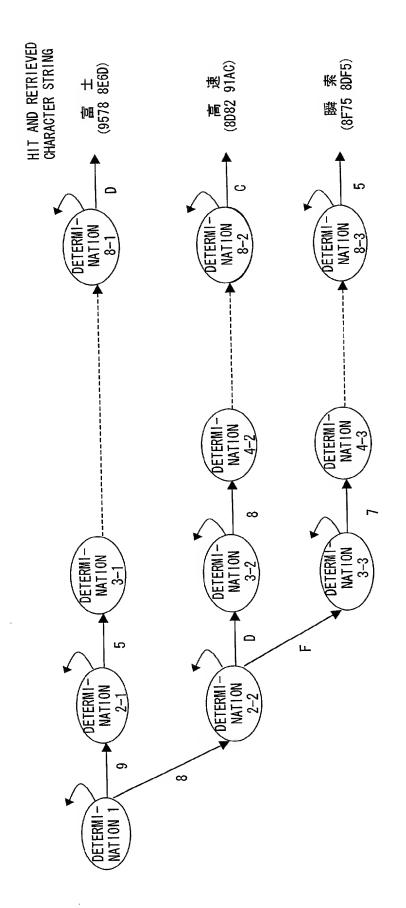


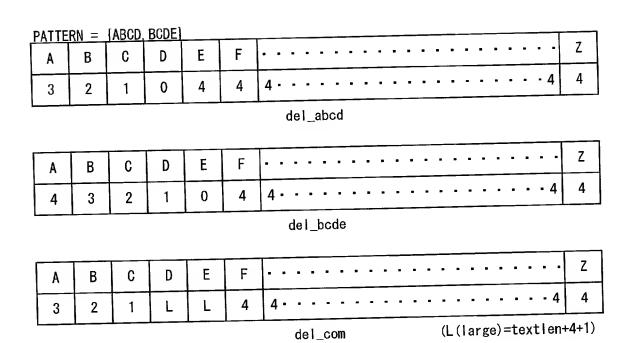
FIG. 2



F I G. 3

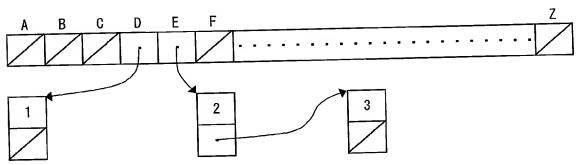
DETERMINATION TARGET 4-BIT VALUE	NEXT DETERMINATION TABLE ADDRESS
0	DETERMINATION TABLE ADDRESS OF [DETERMINATION 1]
1	DETERMINATION TABLE ADDRESS OF [DETERMINATION 1]
2	DETERMINATION TABLE ADDRESS OF [DETERMINATION 1]
3	DETERMINATION TABLE ADDRESS OF [DETERMINATION 1]
4	DETERMINATION TABLE ADDRESS OF [DETERMINATION 1]
5	DETERMINATION TABLE ADDRESS OF [DETERMINATION 1]
6	DETERMINATION TABLE ADDRESS OF [DETERMINATION 1]
7	DETERMINATION TABLE ADDRESS OF [DETERMINATION 1]
8	DETERMINATION TABLE ADDRESS OF [DETERMINATION 2-2]
9	DETERMINATION TABLE ADDRESS OF [DETERMINATION 2-1]
10	DETERMINATION TABLE ADDRESS OF [DETERMINATION 1]
11	DETERMINATION TABLE ADDRESS OF [DETERMINATION 1]
12	DETERMINATION TABLE ADDRESS OF [DETERMINATION 1]
13	DETERMINATION TABLE ADDRESS OF [DETERMINATION 1]
14	DETERMINATION TABLE ADDRESS OF [DETERMINATION 1]
15	DETERMINATION TABLE ADDRESS OF [DETERMINATION 1]

F I G. 4



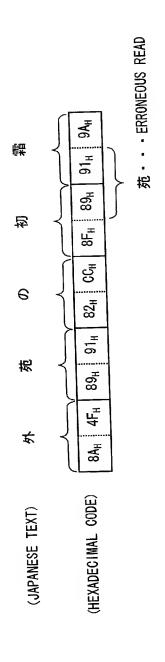
F I G. 5 A

PATTERN = {ABCD, BCDE, CDFE}

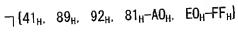


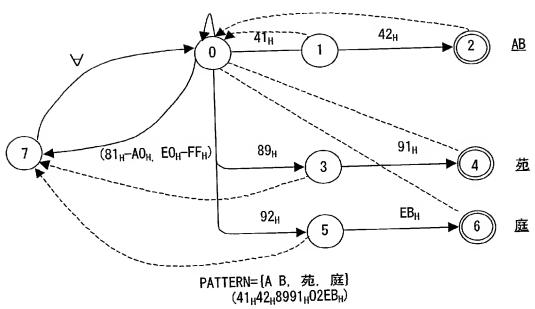
F I G. 5 B

994

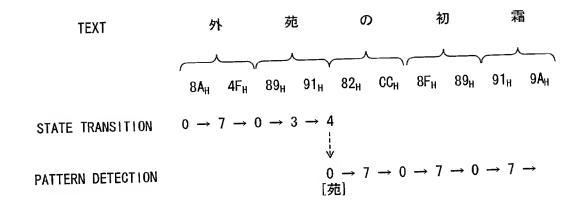


F I G. 6

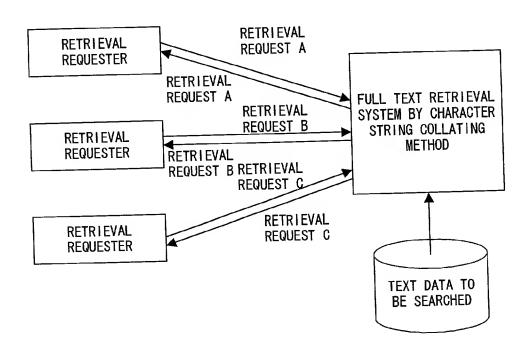




F I G. 7



F I G. 8



F I G. 9

# CONTENTS OF TEXT DATA TO BE SEARCHED

[K]<NAME>MASATAKA MATSUURA[K]<GRADUATE OF>WASEDA UNIVERSITY[K]<BIRTH PLACE>KANAGAWA PREF. [K]<SEX>MALE[K][R] [K]<NAME>YOKO TABATA[K]<GRADUATE OF>TSUKUBA UNIVERSITY[K]<BIRTH PLACE>ISHIKAWA PREF. [K]<SEX>FEMALE[K][R] [K]<NAME>SHIRO ABE[K]<GRADUATE OF>KYUSHU UNIVERSITY[K]<BIRTH PLACE>OITA PREF. [K]<SEX>MALE[K][R]

(NOTE) [R]:RECORD DELIMITER, [K]:ITEM DELIMITER, <CHARACTER STRING>:ITEM IDENTIFIER CODE(ITEM TAG)

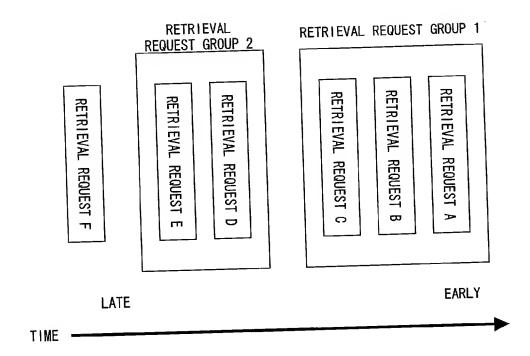
F I G. 10

### RETRIEVAL REQUEST

	ITEM TAG	WORD TO BE RETRIEVED
A	<name></name>	MASATAKA MATSUURA
В	<pre><graduated from=""></graduated></pre>	WASEDA UNIVERSITY
RETRIEVAL CONDITION EXPRESSION		A and B

F I G. 11

militar and the a



F I G. 12

minor - with a

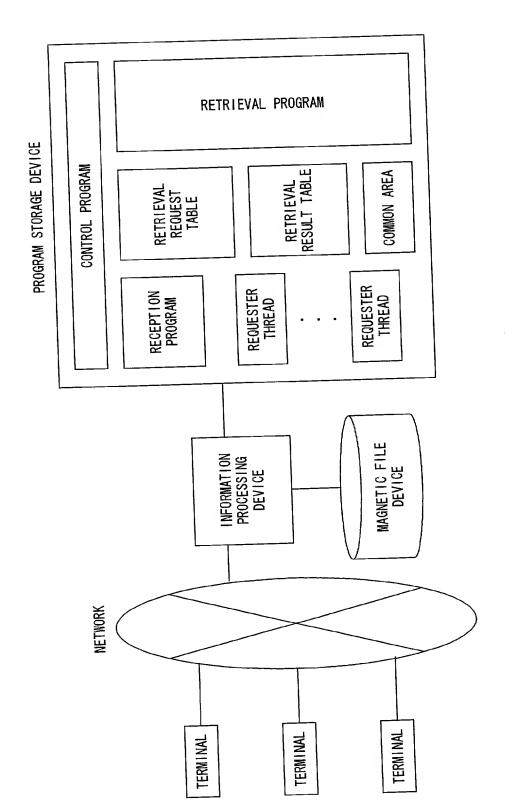
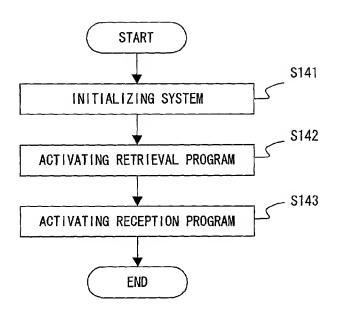
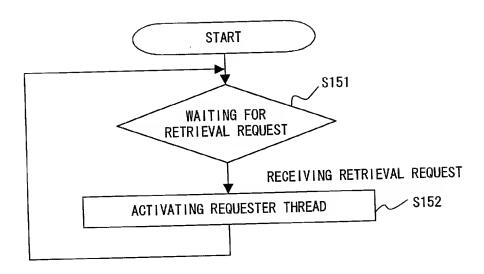


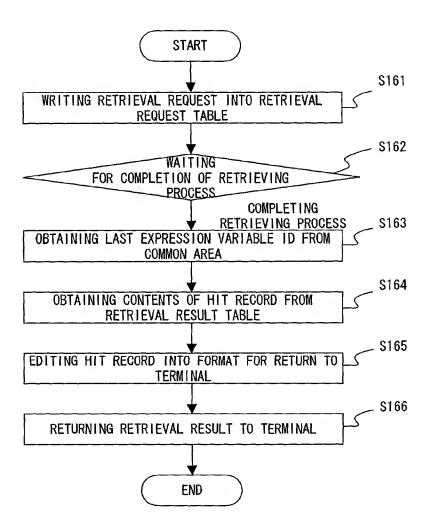
FIG. 13



F I G. 14



F I G. 15



F I G. 16

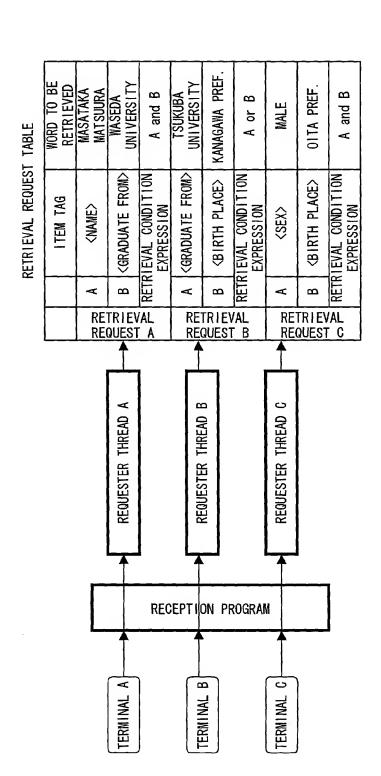
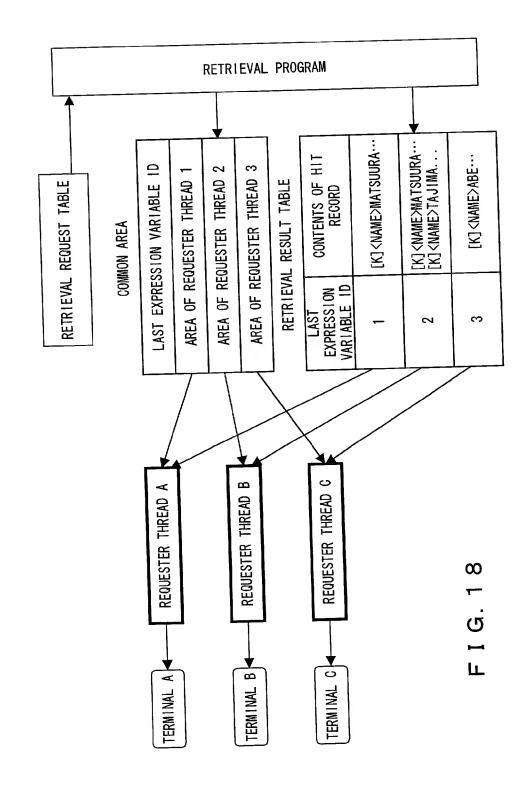


FIG. 17



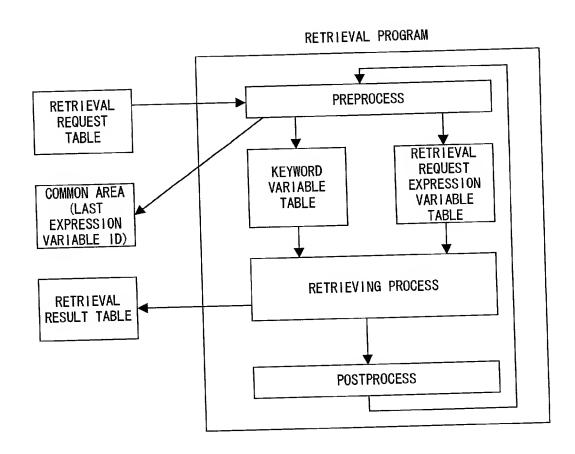
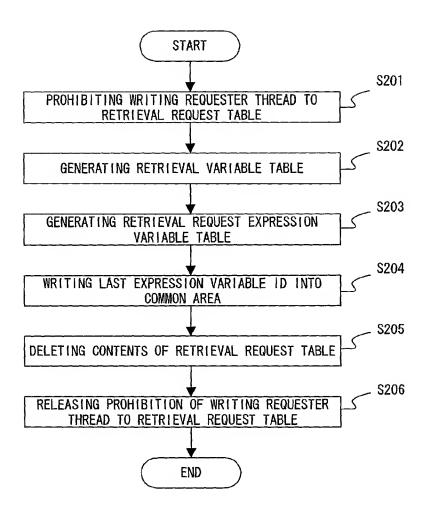


FIG. 19

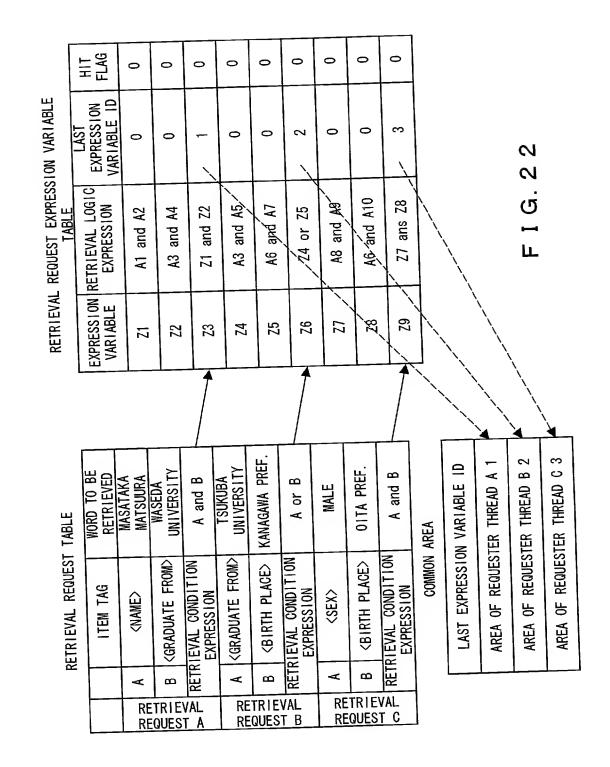
10.007

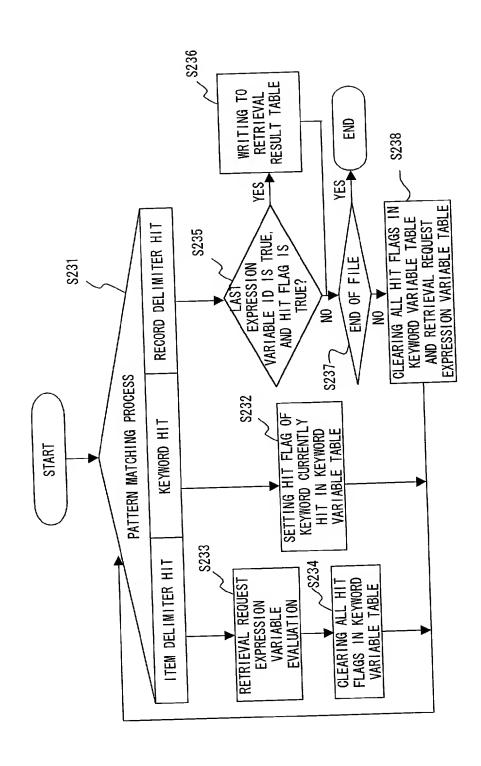


F I G. 20

_			—-т	— т	—-т							
ABLE	HIT FLAG	0	0	0	0	0	_	>	0	0	0	0
KEYWORD VARIABLE TABLE	KEYWORD	<name></name>	MASATAKA MATSUURA	<graduate of=""></graduate>	WASEDA UNIVERSITY	TSUKUBA	אספיים ודמימי	CBIRIH PLAUE	KANAGAWA PREF.	<sex></sex>	MALE	OITA PREF.
KEY	KEYWORD VARIABLE	A1	A2	A3	A4	A5		A6	A7	A8	A9	A10
		7			X				<u> </u>			
	TABLE	WORD TO BE	MASATAKA	WASEDA	A and B	TSUKUBA	UNIVERSITY	KANAGAWA PREF.	A or B	MALE	OITA PREF.	A and B
	RFTRIEVAL REQUEST TABLE	ITEM TAG	<namf></namf>	CRADILATE FROMS	RETRIEVAL CONDITION	COPACITATE EDOMS	CARADOATE FINOMIC	<birth place=""></birth>	RETRIEVAL CONDITION	CSFX>	/RIRTH PLACE>	RETRIEVAL CONDITION EXPRESSION
	<u>~</u>			ς α	ET.		A	В				
				RETR I Reque	EVAL ST A		RE RE	TR I I	VAL ST_B		RETR REQUI	IEVAL EST C

F I G. 21





11-11

FIG.23

KEYWORD VARIABLE TABLE

HIT FLAG	-	1	0	0	0	0	0	0	0	0
CHARACTER STRING TO BE RETRIEVED	<name></name>	MASATAKA MATSUURA	<graduate 0f=""></graduate>	WASEDA UNI VERS I TY	TSUKUBA UNIVERSITY	<birth place=""></birth>	KANAGAWA PREF.	<sex></sex>	MALE	OITA PREF.
KEYWORD VARIABLE	A1	A2	A3	A4	A5	9V	A7	A8	A9	A10

RETRIEVAL REQUEST EXPRESSION VARIABLE TABLE

HIT FLAG	-	1	0	0	0	0	0	0	0
LAST EXPRESSION VARIABLE ID	0	0	_	0	0	2	0	0	င
LAST EXPRESSION VARIABLE ID	A1 and A2	A3 and A4	Z1 and Z2	A3 and A5	A6 and A7	Z4 or Z5	A8 and A9	A6 and A10	Z7 and Z8
EXPRESS I ON VARIABLE	12	22	23	24	<b>5</b> Z	9Z	17	8Z	62

### F I G. 24B

### F I G. 24A

KEYWORD VARIABLE TABLE

HIT FLAG	0	0	0	0	0	0	0	1	1	0
CHARACTER STRING TO BE RETRIEVED	<name></name>	MASATAKA MATSUURA	<graduate 0f=""></graduate>	WASEDA UNIVERSITY	TSUKUBA UNIVERSITY	<birth place=""></birth>	KANAGAWA PREF.	<sex></sex>	MALE	OITA PREF.
KEYWORD VARIABLE	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10

RETRIEVAL REQUEST EXPRESSION VARIABLE TABLE

HIT FLAG	<b>—</b>	-	1	0	-	1	1	0	0
LAST EXPRESSION VARIABLE ID	0	0	-	0	0	2	0	0	3
RETRIEVAL LOGIC EXPRESSION	A1 and A2	A3 and A4	Z1 and Z2	A3 and A5	A6 and A7	Z4 or Z5	A8 and A9	A6 and A10	Z7 and Z8
EXPRESSION VARIABLE	Z1	22	23	24	52	97	LZ	82	6Z

### FIG. 25B

F I G. 25A

### RETRIEVAL RESULT TABLE

LAST EXPRESSION VARIABLE ID	CONTENTS OF HIT RECORD
1	[K] <name>MATSUURA···</name>
2	[K] <name>MATSUURA···</name>
3	

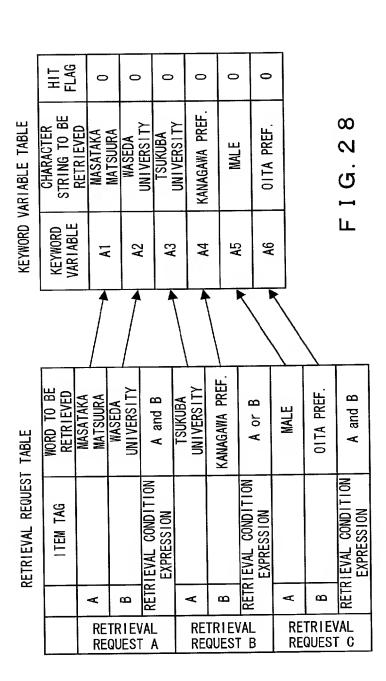
F I G. 26

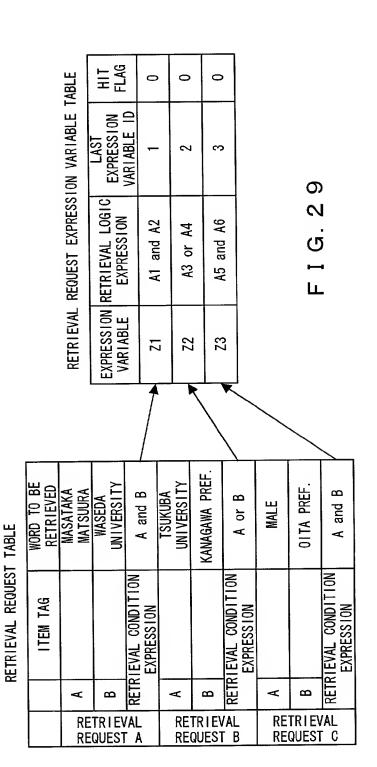
### CONTENTS OF TEXT DATA TO BE SEARCHED ACCORINDG TO SECOND EMBODIMENT

...MASATAKA MATSUURA...WASEDA UNIVERSITY...KANAGAWA PREF.......MALE[K][R] ...YOKO TAJIMA...TSUKUBA UNIVERSITY...ISHIKAWA PREF.......FEMALE[K][R] SHIRO ABE.....KYUSYU UNIVERSITY...OITA PREF......MALE[K][R]

(NOTE) [R]:RECORD DELIMITER, [K]:ITEM DELIMITER

F I G. 27





KEYWORD VARIABLE TABLE

HIT FLAG	1	1	0	-	-	0
CHARACTER STRING TO BE RETRIEVED	MASATAKA MATSUURA	WASEDA UNIVERSITY	TSUKUBA UNIVERSITY	KANAGAWA PREF.	MALE	OITA PREF.
KEYWORD VAR I ABLE	A1	A2	A3	A4	A5	A6

RETRIEVAL REQUEST EXPRESSION VARIABLE TABLE

EXPRESSION RETRIEVAL LOGIC VARIABLE EXPRESSION
A1 and A2
A3 or A4
A5 and A6

## FIG. 30B

FIG. 30A

### RETRIEVAL RESULT TABLE

LAST EXPRESSION VARIABLE ID	CONTENTS OF HIT RECORD
1	MASATAKA MATSUURA
2	MASATAKA MATSUURA
3	

F I G. 31

